

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST01898SE*This certificate, issued to*

Jamco America, Inc.
1018 80th Street SW
Everett, WA 98203

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 and 26 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A20WE
Make: Boeing
Model: 747-400 Series

Description of the Type Design Change: Installation of an interior reconfiguration on Boeing Model 747-400 series aircraft in accordance with Jamco America, Inc. Master Drawing List (MDL) MDL1635-1, Revision C, dated March 18, 2013, or later Federal Aviation Administration (FAA) approved revision.

Limitations and Conditions: Approval of this change in type design is applicable to the above model aircraft only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of the aircraft. See continuation sheet 3 of 3 for additional limitations. A copy of this certificate and Jamco America, Inc. MDL1635-1 must be maintained as part of the permanent records for the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: December 1, 2010

Date reissued:

Date of issuance: July 22, 2011

Date amended: April 23, 2013



By direction of the Administrator

(Signature)

ODA Lead Administrator, Jamco America, Inc.

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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Supplemental Type Certificate

(Continuation Sheet)

Number **ST01898SE**

Limitations and Conditions continued:

Airplane Flight Manual Supplement, document AFM1635-1, Rev. 1, dated April 26, 2011, or later FAA approved revision, must be made available to the operator at the time of installation.

Supplemental Instructions for Continued Airworthiness (ICA), document number ICA1635-1, Rev. D, dated November 8, 2012, were developed in accordance with FAA Advisory Circular (AC) 25-27A and have been found to comply with the requirements of § 26.11(c). This document, or later FAA approved revision, must be made available to the operator at the time of installation.

Supplemental Type Certificates (STC) ST02077NY must be installed concurrently with this modification.

STC ST01519SE and ST02993AT must be installed prior to this modification.

This STC removes previously installed IFE cutoff switch and install additional wiring and switching logic and modify the airplane architecture to identically match the functionality provided in SB 747-24-2246, revision 1, dated February 18, 2010. This modification is approved as an Alternate Method of Compliance (AMOC) to paragraph (f) of Airworthiness Directive (AD) 2009-15-12. Approval of this AMOC is documented in FAA Letter 130S-11-99, dated May 19, 2011.

This STC installs new BMS13-48, BMS13-60 or BMS13-58 wires which in some areas the wire separation requirement defined by AWL No. 28-AWL-08 cannot be met. This installation is approved as an Alternate Method of Compliance (AMOC) to paragraph (g)(3) of Airworthiness Directive (AD) 2008-10-06. Approval of this AMOC is documented in FAA Letter 140S-11-212, dated June 23, 2011.

Installation of this STC includes installation of seats with non-traditional, large, non-metallic panels, subject to Special Conditions 25-368-SC. Therefore, this installation may not be used for operation under 14 CFR §§121.312, and the operator will need to seek separate approval for Special Conditions 25-368-SC for operation under 14 CFR §§121.312.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification is based upon Part 25 and 26 as specified in TCDS A20WE. Regulations at a later amendment level than specified in TCDS A20WE are listed below:

§25.25(a)(b)	Amdt. 25-63	§25.1351(a)(b)(1)(3)(d)	Amdt. 25-72
§25.812(a)(1)(b)(1)(c)(d)(e)(l)	Amdt. 25-88	§25.1353(a)(b)	Amdt. 25-113
§25.869(a)(1)(4)	Amdt. 25-113	§25.1431(a)(c)(d)	Amdt. 25-113
§25.1307(c)	Amdt. 25-72	§25.1585(a)	Amdt. 25-105

Equivalent Safety Findings have been made for the following regulation(s):
 § 25.791 as documented in FAA Policy Memorandum No. PS-AMN-03-115-05
 § 25.561(b)(3)(ii) as documented in FAA ELOS Memorandum No. TD6633SE-T-C-1

No exemptions are applicable to this modification.

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This certificate may be transferred in accordance with FAR 21.47.